Fig.1a

```
                10         20         30         40         50
MP 52  CSRKALHVNF KDMGWDDWII APLEYEAFHC EGLCEFPLRS HLEPTNHAVI

BMP 2  CKRHPLYVDF SDVGWNDWIV APPGYHAFYC HGECPFPLAD HLNSTNHAIV

BMP 4  CRRHSLYVDF SDVGWNDWIV APPGYQAFYC HGDCPFPLAD HLNSTNHAIV

BMP 5  CKKHELYVSF RDLGWQDWII APEGYAAFYC DGECSFPLNA HMNATNHAIV

BMP 6  CRKHELYVSF QDLGWQDWII APKGYAANYC DGECSFPLNA HMNATNHAIV

BMP 7  CKKHELYVSF RDLGWQDWII APEGYAAYYC EGECAFPLNS YMNATNHAIV
       * +  * * *  * ** ***+ **  * *+ * +* * ***+ ++  ****


                60         70         80         90        100
MP 52  QTLMNSMDPE STPPTCCVPT RLSPISILFI DSANNVVYKQ YEDMVVESCG CR

BMP 2  QTLVNSVNS- KIPKACCVPT ELSAISMLYL DENEKVVLKN YQDMVVEGCG CR

BMP 4  QTLVNSVNS- SIPKACCVPT ELSAISMLYL DEYDKVVLKN YQEMVVEGCG CR

BMP 5  QTLVHLMFPD HVPKPCCAPT KLNAISVLYF DDSSNVILKK YRNMVVRSCG CH

BMP 6  QTLVHLMNPE YVPKPCCAPT KLNAISVLYF DDNSNVILKK YRNMVVRACG CH

BMP 7  QTLVHFINPE TVPKPCCAPT QLNAISVLYF DDSSNVILKK YRNMVVRACG CH
       *** +++ ++ + *  **+** *+ ** *  *  +*+ * * +***++** *+
```

SCANNED, #12

Fig.Ib

```
                    10         20         30         40
MP121     CCRQEFFVDF REIGWHDWII QPEGYAMNFC IGQCPLHIAG
InhibβA   CCKKQFFVSF KDIGWNDWII APSGYHANYC EGECPSHIAG
InhibβB   CCRQQFFIDF RLIGWNDWII APTGYYGNYC EGSCPAYLAG
Inhibα    CHRVALNISF QELGWERWIV YPPSFIFHYC HGGCGLHIP-
          *+++ ++++* +++** +**+  * ++    + *  * *++++++

                    50         60         70         80
MP121     MPGIAASFHT AVLNLLKANT AAGTTGGGSC C--VPTARRP
InhibβA   TSGSSLSFHS TVINHYRMRG HSPFANLKSC C--VPTKLRP
InhibβB   VPGSASSFHT AVVNQYRMRG LNP-GTVNSC C--IPTKLST
Inhibα    ---PNLSLPV PGAPPTPAQP YSLLPGAQPC CAALPGTMRP
            ++ + *+++ ++ +    +         +  +** * +*+  ++

                    90        100        110
MP121     LSLLYYDRDS NIVKTD-IPD MVVEACGCS
InhibβA   MSMLYYDDGQ NIIKKD-IQN MIVEECGCS
InhibβB   MSMLYFDDEY NIVKRD-VPN MIVEECGCA
Inhibα    LHVRTTSDGG YSFKYETVPN LLTQHCACI
          ++ ++++     +++* + ++       +*+
```

Fig.2a

	Eco RI Nco I
OD	ATGAATTCCCATGGACCTGGGCTGGMAKGAMTGGAT
BMP 2	ACGTGGGGTGGAATGACTGGAT
BMP 3	ATATTGGCTGGAGTGAATGGAT
BMP 4	ATGTGGGCTGGAATGACTGGAT
BMP 7	ACCTGGGCTGGCAGGACTGGAT
TGF-βI	AGGACCTCGGCTGGAAGTGGAT
TGF-β2	GGGATCTAGGGTGGAAATGGAT
TGF-β3	AGGATCTGGGCTGGAAGTGGGT
inhibin α	AGCTGGGCTGGGAACGGTGGAT
inhibin βA	ACATCGGCTGGAATGACTGGAT
inhibin βB	TCATCGGCTGGAACGACTGGAT

Fig.2b

	Eco RI
OID	ATGAATTCGAGCTGCGTSGGSRCACAGCA
BMP 2	GAGTTCTGTCGGGACACAGCA
BMP 3	CATCTTTTCTGGTACACAGCA
BMP 4	CAGTTCAGTGGGCACACAACA
BMP 7	GAGCTGCGTGGGCGCACAGCA
TGF-βI	CAGCGCCTGCGGCACGCAGCA
TGF-β2	TAAATCTTGGGACACGCAGCA
TGF-β3	CAGGTCCTGGGGCACGCAGCA
inhibin α	CCCTGGGAGAGCAGCACAGCA
inhibin βA	CAGCTTGGTGGGCACACAGCA
inhibin βB	CAGCTTGGTGGGAATGCAGCA